Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Nor for	m 1449A/PT0)	
			DISCLOSURE
्री	TATER	ENT RV	APPLICANT
3	l A I E W	any chaate	s as necessary)
\$	(use us m	uny sneets	us necessury)
~			

of

2

1

COMPLETE IF KNOWN				
EXPRESS MAIL NO.	EV336674055US			
Filing Date	October 31, 2001			
First Named Inventor	Daniel J. Woodruff			
Prior Application:	09/998,142			
Group Art Unit	1741			
Examiner Name	Kishor Mayekar			

		₁	U.S. PATENT DOCUME	1419	Desar Columna Times
• *EXAMINER INITIALS*	Cite No.	U.S. Patent Document NUMBER Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	4,137,867	Aigo	2/6/79	
	AB	4,246,088	Murphy et al.	1/20/81	
	AC	4,259,166	Whitehurst	3/31/81	
	AD	4,304,641	Grandia et al.	12/8/81	
	AE	4,341,629	Uhlinger	7/27/82	
	AF	4,422,915	Wielonski et al.	12/27/83	
	AG	4,466,864	Bacon et al.	8/21/84	
	AH	4,576,685	Goffredo et al.	3/18/86	
	AI	4,685,414	DiRico	8/11/87	
***************************************	AJ	4,913,085	Vöhringer et al.	4/3/90	
	AK	5,135,636	Yee et al.	8/4/92	
	AL	5,139,818	Mance	8/18/92	
	AM	5,227,041	Brogden et al.	7/13/93	
	AN	5,271,953	Litteral	12/21/93	
	AO	5,310,580	O'Sullivan et al.	5/10/94	
	AP	5,344,491	Katou	9/6/94	
	AQ	5,389,496	Calvert et al.	2/14/95	
	AR	5,441,629	Kosaki	8/15/95	
	AS	5,443,707	Mori	8/22/95	
1	AT	5,447,615	Ishida	9/5/95	
	AU	5,550,315	Stormont	8/27/96	
	AV	5,522,975	Andricacos et al.	6/4/96	

EXAMINER

DATE CONSIDERED

1/28/97

1/28/97

3/11/97

9/23/97

Reynolds

Schlecker

Lowery

Hackler et al.

AX

ΑZ

5,597,460

5,597,836

5,609,239

5,670,034

^{*} EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

Approved for use through

								CC	OMPLETE IF I		
JC.6-Paul for form 1449A/PTO							EXPRESS MAIL NO.		EV336674055US		
NFORMATION DISCLOSURE						RE	Filing Date		October 31, 2001		
TATEMENT BY APPLIC (use as many sheets as necession)					ICAN	TI	First Named Inventor		Daniel J. Woodruff		
					essary,	Prior Application:			09/998,142		
(4)		/					Group Art Unit Examiner Name		1741 Kishor Mayekar		
Sheet		2 of			<u>-</u>	Examiner Nam		ne Kishoi Wayes		Lai	_
Silect			1	01	1	U.S. PATENT	DOCUMENT	'S	L		_
*EXAMINER	Cite	e U.S. Patent Document				Name of Patentee or Applicant		Date of Publication of Cited		Pages, Columns, Lines, Where Relevant Passages or	_
INITIALS*	No.	NUMBER Kind Code (if known)			of Cited Document		Document		Relevant Figures Appear		
	AA	5,744,019			Ang		4/28/9	98			
	ВВ	5,747,	098		Larson		5/5/98	3			
	ВС	5,776,	327		Botts et al.		7/7/98				
	BD	5,788,829			Joshi et al.		8/4/98				
	BE	5,843,	296		Greenspan			12/1/98			
	BF	5,904,	827		Reynolds			5/18/99			
	BG	5,932,077			Reynolds			8/3/99			
	ВН	5,985,126			Bleck et al.			11/16/99			
	BI 6,001,235				Arken et al.			12/14/99			
	ВЈ	6,080,291				Woodruff et al.			6/27/00		
	BK	6,139,	712		Patton et al.			10/31/00			
	BL	6,156,167			Patton et al.		12/5/00			_	
	ВМ	09/386,197			Woodruff et al.		filed 8/31/99				
	BN	09/386,558			Woodruff et al.		filed 8/31/99				
	ВО	09/386,803			Woodruff et al.			filed 8/31/99			
					FOI	REIGN PATEN	T DOCUME	NTS			_
*EXAMINER INITIALS	Cite No.	Foreign Patent Document Kind C Office Number (if known)						D	Pate of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	BP	WO	99/25904		A	Novellus System	as, Inc.	5/	/27/99		T
	BQ	wo	99/25905		A	Novellus Systems, Inc.		5/27/99			†
	BP	wo	WO 00/03072			A Semitool, Inc.		1/20/00			\int
	BS WO 00/32835 A Applied Mat		Applied Materia	ials, Inc.		/8/00					
	вт										
EXAMINE	R						DATE CONS	SIDERI	ED		Ī

conformance and not considered. Include copy of this form with next communication to applicant(s).